REMARKS

Applicants respectfully request reconsideration of this application, as amended.

Applicants respectfully submit it cannot be said that one skilled in the art would be forced to undergo undue experimentation to perform the functions as claimed. In contrast, the claimed solution is directed to deploying a distributed monitoring of a computer system, only by using a pragmatic approach (determining indicators to be evaluated and specifying domains).

Regarding creation of a configuration agent, Applicants respectfully submit the teaching of this feature is at least recited in pages 10-11 of the specification.

Applicants further respectfully submit those skilled in the art are familiar with the domain "ELECTRIC DIGITAL DATA PROCESSING" using an interconnection network, e.g. matrix, shuffle, pyramid, star, snowflake" (Int. CI. G06F15/173). Accordingly, those skilled in the art clearly understand what is recited in the specification. Similarly, E^2PROM, is well known in the art as an EEPROM.

Regarding the examples recited in page 7, Applicants respectfully submit all the essential functionalities are recited. The Examiner asserts one of ordinary skill in the art would be forced to resort to undue experimentation to make or use the invention as claimed. But Applicants respectfully submit that in another domain such as chemistry, the specifications do only recite essential features so as to understand the invention (for example, with few example of starting reactants) and a minimum of practical details are disclosed.

Regarding the management of the subscriber list by each indicator agent, the specification (page 7) recites:

"Each indicator agent manages a so-called subscriber list on which the names of other indicator agents according to the invention may be written. This list is stored in the storage means

of the computer equipment unit associated with the indicator agent, for example in the form of a table (1010, 2010). An indicator agent A1 is written on this list by sending a specific so-called subscription notification "Subscribe (id(A1) Management Information (A1))" to another indicator agent 81, which calculates the indicator (181). This notification includes as parameters a piece of so-called management information that allows the sending agent to create an association between a propagation of a value modification and the other indicator agent (81), and the identifier id(A1). Upon receiving a subscription notification, the destination agent (81) processes the notification by writing into the subscriber table (2010) the identifier (IdA1) of the sending agent as well as the management information (Management Information. (A 1)) on the list. This list is consulted by the indicator agent (81) that manages it, after the evaluation of the indicator (181) by the agent (81). If the new value of the indicator is different from the value previously evaluated and stored by the agent, then the agent sends each agent written on the subscriber list (2010) and identified by the parameter (id(A 1)) a value change notification (ValueChanged) comprising the new value (Val(181)) of the indicator (181). To do this, after the evaluation of the indicator (181), a comparison module of the indicator agent (81) compares the new value of the indicator (Val(J81)) to the value previously calculated (Valp(181)) and stored. If the two values are different, the comparison module activates a procedure for sending the value change notification (ValueChanged) to all of the agents, for example A, written on the subscriber list (2010) then records the new value of the indicator in the storage means of its computer equipment unit. The value change notification comprises as parameters the new value of the indicator (Val(181)) and the management information (Management Information (A 1)) of the target agent, so that the target agent can assign the value received to the indicator awaited."

Accordingly, Applicants respectfully submit operation of the invention can be understood by those skilled in the art. In that details, for example complete definition/description of a computer program, are not required: Applicants respectfully submit that the claimed invention is not directed to a particular computer program, but directed to a method for deploying a distributed monitoring of a computer system. The steps for performing the deploying recited in the specification are sufficient so as to obtain a whole pertinent solution, which enables making the invention.

Claim rejections under 35 USC § 103(a)

The Office asserts claims 15 and 26 are covered by a combination of Jung (US 6,308,208) in view of Turek (US 6,460,070).

Jung discloses a method for monitoring network distributed computing resources using distributed cellular agents, wherein a dispatch mechanism 35 enables software

agents available from a central location (manager 14) to migrate throughout the network environment. Various management tasks, such as resource monitoring, are performed by one software agent (col. 5, line 57 to col. 6, line 1). Jung thus does not teach creating a configuration agent for each of the resources to be monitored. In complete contrast, Jung recites a centralized management through the manager 14 (Fig. 4), which enables configuration of some tasks.

Jung does not teach or suggest using indicator agents each managing a subscriber list on which an identification of at least one other indicator agent may be written (see specification, page 7, lines 3-11). In contrast, Juno recites "software agents" 37 available at a central location. without any means identifying another agent. The person skilled in the art thus understands that Jung only recites one agent for resource monitoring (Jung, col. 5, line 67 to col. 6 line 1).

The Office asserts Turek (US 6,460,070) suggests that the person skilled in the art could modify the teaching of Jung so as to obtain the claimed solution.

Turek does not teach nor suggest creating a configuration agent for each of the resources to be monitored nor using said configuration agent for creating indicator agents to evaluate each of the plurality of indicators. In contrast, the embodiments of Turek are directed to a centralised manager (Turek, figure 6) that first receives a network error or "fault" and then uses an appropriate agent to determine the cause/location of this error (co I. 5, lines 42-48).

Even when combining teaching of Turek with teaching of Jung, those skilled in the art would not obtain the combination of features "for each of the resources to be monitored, using said configuration agent for creating said indicator agents, each indicator agent managing a subscriber list on which an identification of at least one other

indicator agent may be written" and "for at least one subscriber list managed by a given indicator agent, writing an identification of at least one other indicator agent".

Accordingly, claims 15 and 26 are novel and non-obvious.

With all objections and rejections having been overcome, a Notice of Allowance is respectfully requested. Additionally, upon the issuance of the Notice of Allowance, and if is still believed to be needed, Applicants can file the requested Terminal Disclaimer.

Should the Examiner believe that any further action is necessary to place this application in better form for allowance, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 (T2147-906756) any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

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By: _____
Edward J. Kondracki
Reg. No. 20,604

Jason H. Vick
Reg. No. 45,285

Miles & Stockbridge, P.C.
1751 Pinnacle Drive
Suite 500
McLean, Virginia 22102-3833
(703) 903-9000